

Title (en)  
LIGHT SOURCE SYSTEM

Title (de)  
LICHTQUELLENSYSTEM

Title (fr)  
SYSTÈME DE SOURCE LUMINEUSE

Publication  
**EP 2868257 A4 20160330 (EN)**

Application  
**EP 13835387 A 20130521**

Priority  
• JP 2012194428 A 20120904  
• JP 2013064049 W 20130521

Abstract (en)  
[origin: EP2868257A1] A light source system includes an illumination section having a pulse-driven light source, and an illumination control section detachably connected to the illumination section and provided with a drive circuit that generates drive pulses for pulse-driving the light source, and the light source system comprises: a signal generating section that is provided at the illumination section and generates a signal indicative of a duty ratio of the drive pulses which is permitted the illumination section; and a limiting section that is provided at the illumination control section and limits the duty ratio of the drive pulses to be not greater than the duty ratio based on the signal from the signal generating section.

IPC 8 full level  
**A61B 1/06** (2006.01); **A61B 1/00** (2006.01); **G02B 23/24** (2006.01); **H05B 44/00** (2022.01)

CPC (source: CN EP US)  
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Citation (search report)  
• [A] JP 2009213742 A 20090924 - FUJINON CORP  
• [A] US 2012116157 A1 20120510 - SETO YASUHIRO [JP]  
• See references of WO 2014038251A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2868257 A1 20150506; EP 2868257 A4 20160330; EP 2868257 B1 20170628**; CN 104602589 A 20150506; CN 104602589 B 20161228; JP 5629036 B2 20141119; JP WO2014038251 A1 20160808; US 2015141758 A1 20150521; US 9237840 B2 20160119; WO 2014038251 A1 20140313

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**EP 13835387 A 20130521**; CN 201380042745 A 20130521; JP 2013064049 W 20130521; JP 2014509962 A 20130521; US 201514601381 A 20150121